

AMENDMENTS

In the Claims:

Amend claim 1 to read as follows:

A¹
1. (Amended) A precision machine part comprising a transient liquid phase diffusion bonding alloy,
the precision machine part having a conveyance passage formed therein having a longitudinal axis, the precision machine part being configured to permit passage of liquid or gas from a pipe line or cylinder and being divided into a plurality of pieces along a face in a direction of the longitudinal axis of the conveyance passage adhered to each other by transient liquid phase bonding.

Add new claims 9-13, as follows:

9. (New) The precision machine part of claim 1, wherein the pieces each comprise a bonding alloy containing 1 to 10 atomic % V on the divided face.

10. (New) The precision machine part of claim 1, wherein the divided faces comprise a single face, continuous multiple faces, divided multiple faces, a continuous curved face or a divided curved face.

A²
11. (New) The precision machine part of claim 1, wherein the transient liquid phase diffusion bonding alloy has an amorphous crystal structure, contains 1 to 15 atomic % of B or P or a mixture of B and P and 1 to 10 atomic % V, the balance being Fe and unavoidable impurities, and exhibits an amount of contraction in a bonding stress loading direction caused by plastic deformation in the bonding process of not more than 5% at all positions on a bevel face of the piece or pieces being bonded.

12. (New) The precision machine part of claim 1, wherein the transient liquid phase diffusion bonding alloy is an amorphous Ni-base alloy.

13. (New) The precision machine part of claim 1, wherein the transient liquid phase diffusion bonding alloy comprises one or more component selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti.
